13:45 FROM MURATA MFG.

KEATING & BENNETT

PAGE 02/04

KEATING&BENNETT

Approved for use through 10/31/2002. OMB 0551-0035
U.S. Petern and Trademerk Office; U.S. DEPARTMENT OF COMMERCE
to a collection of information unless it displays a valid OMB control sumber:

Under the Paparwork Reduction Act of 1895, no parsons are required to resp

REVOCATION OF POWER OF ATTORNEY OR **AUTHORIZATION OF AGENT**

Application Number	09/765,140				
Filing Date	January 18, 2001				
First Named Inventor	Takashi HASEGAWA				
Group Art Unit	2832				
Examiner Name	Unknown				
Attorney Docket Number	r 36856.710				

I hereby revok application:	e all previ	lous power	s of altom	ley or aut	orization	s of ág	ant given	in the abov	/e-identifie	d
X A Power	of Attorn	ey or Autho	orization o	of Agent Is	submitte	d herev	vitn.	÷. :		
OR						•				•
Please o	hange the	э соптеврог	ndence ad	idress for i	the above	e-identii	led appli	cation to:	•	
Piece Customer Number Customer Number						<u> </u>				
OR	Lebel here									
Firm or individual Nar	TI B									•
Address										
Address			•							
City										
Country						State		ZIP		
Telephone						Fax				
I am the:						•	•			
Applicant	Vinventor		•							
Assigner Staterner	e of recor nt under 3	d of the en 37 CFR 3.7	itire intere '3(b) is eni	st. See 37 closed. (F	CFR 3.7	1. / <i>SB/96</i> /	•			
SiGNATURE of Applicant or Assignes of Record										
Name	Mr.	Michi	hiro M	lurata,	Ph.d	· ·				
Signature	-7		Exec		2					
Note: Signatures of all the inventors or essignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.										
NOTE: Signatures of a forms if more than one	nevri edi li i erutengia	tore or easign a required, se	ees of recor	d of the enti	re interest (en tilanti to	presentativ	e(s) ere requi	red. Submit r	nutiple
"Total of	lorms	ere submitted	l			•				
Burden Hour Statement: This	form in eath	ented to take 9								

KEAT ING&BENNETT

Please type a plus sign (+) inside this box

PTO/88/11 (02-01)

Approved for use through 10/31/2002 OMS 0861-0039

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE to a collection of information relate U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to	sepand to a collection of information	Office; U.S. DEPARTMENT OF COMMERCE unless it display a valid OMS control number.		
	Application Number	09/765,140		
	Filing Date	January 18, 2001		
	First Named Inventor	Takashi HASEGAWA		
POWER OF ATTORNEY OR	Title	Nonreciprocal		
AUTHORIZATION OF AGENT	Group Art Unit	2832		
	Examiner Name	Unknown		
	Attorney Dacket Number	36856.710		

I hereby app	olnt:							
Practition OR	Oners at	Gustomer Number				Place Customer Number Bar Code Label hare		
					office Number	1		
	Joseph R. Keating				Registration Number			
! · L_	Christopher A. Bennett				46,710			
l							ł	
<u> </u>								
Debitoso III die	Citted 4	STATES PARENT BUD	I Lagernary C	תונים פסחוו	lected therewit	and to transact all	1	
Please change The above OR Prectitions	a-weuge:	espondence addre ned Customer Nur stomer Number	as for the abo	ove-Identil	led application	to: Place Customer Number Bar Code Lebel hare	<i>:</i>	
Firm or Individual N	Hame KEATING & BENNETT, LLP				 -			
Address		10400 Baton Place					·	
Address		Suits 312			•			
City		Pairfax			Late Late			
Country		USA	· · · · · · · · · · · · · · · · · · ·		ate VA	Zp 22030		
Telaphone		(703)385-5	200	T =	• 1 1900	885	<u>. </u>	
lam the:								
Applicant/inventor.								
Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form P70/SB/96).								
SIGNATURE of Applicant or Assignes of Record								
Nema	Mr.		Murata	ANEIGNOS	of Record			
Signature .		4-2-		Fn.d				
Date		4/2/	no to					
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple Of Total of								
Total of		indinied 688 pelith.			· · · · · · · · · · · · · · · · · · ·	otal are tedrilled. Submit i	multipia	
rden Hour Statement: This	from D care	s are submitted.				· · · · · · · · · · · · · · · · · · ·		

Surgen Hour Statement: This form is collected to take 3 minutes to complete. Time will very depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form effected to said to the Chief Information Object, U.S. Palent and Treatment Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Assistant Commissioner for Palents, Washington, DC 20231.

04/25/2002 14:40 13:45 2002-04-26

7033855080

FROM MURATA MFG.

KEATING & BENNETT

KEATING&BENNETT то

P.28/36

BEST AVAILABLE COP

Approved for use through 10/31/2022. OMB 0831-0031 Iredemark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1985, no patrons are required to respond to	S. Patent and Tredomiston unless it displays a valid CMB control number.
Under the Paperwork Reduction Act of 1985, no passons are required in 1985.	
STATEMENT UNDER 37	CFR 3.73(b)
Applicant/Patent Owner	Filed/Issue Date: January 18, 2001
Application Nonreciprocal Circuit Device	and Communitation
Murata Manufacturing Co., a Corpo (Numa of Assignes) Ltd. (Type of Assignes)	rat 1011 , e.g., corporation, partnership, university, government agency, etc.)
states that it is: 1. [V] the assignee of the entire right, title, and interest; or	
: 2. an assignee of less than the entire right, title and inc	
1- the actual application/patent identified above by virtue of	1 Children
A. k.] An assignment from the inventor(s) of the patent appropriate was recorded in the United States Patent and Trade which a copy thereof is attached.	II Lies Head shove. The assignment
OR	·
B. [] A chain of title from the inventor(s), of the patent as assignee as shown below:	
The document was recorded in the United St	ates Patent and Trademark Office at, or for which a copy thereof is attached.
2. From:To The document was recorded in the United St Real, Frame	eten Patent and Trademark Office at
3. From:	
The document was recorded in the United & Reel Frame	tates Patent and Trademark Office at, or for which a copy thereof is attached.
[] Additional documents in the chain of title are	
[] Copies of assignments or other documents in the che [NOTE: A separate copy (i.e., the original assignment must be submitted to Assignment Division in accordance recorded in the records of the USPTO. See MPEP 30	ince with 37 CFR Part 3, if the assignment is to be
The undersigned (whose title is supplied below) is author	
	Mr Michihiro Murata, Ph.d. Typed or printed name
- Julio	2/1 Signature
G	eneral Manager of Intellectual

Title Property

Burden Hour Statement: This form is estimated to take 0.8 hours to complete. Time will vary depending upon the needs of the individual case, Any tomments on the amount of tipe you are required to complete this form should be said to the Chief Information Officer, U.S. Petent and Tradement Officer, Washington, DC 20231. DO NOT SEND PRES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Petents. Weathratten. DC 20231.